SCOUT RSV

High-Performance Reconnaissance and Surveillance Suite for Vehicles

Overview

During critical missions to secure borders, forces, or sensitive facilities, the need for radar surveillance is crucial. It is often vital to rapidly reach the targeted destination and immediately deploy devices for the early detection of people or vehicles. Our SCOUT RSV suite enables field deployment in the shortest possible time, providing 24/7 real-time capabilities for the monitoring detection, geo-location, tracking and classification of targets, day and night, in all weather conditions and surroundings. The system is modular, flexible and easily tailored to customer needs and can be fully integrated as a turn-key project.

Main Applications:

- Border protection, including tropical borders
- Securing critical infrastructures and important assets
- Defense of airports and coastlines
- Safeguarding forces and remote bases
- Battlefield surveillance

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Key Features and Benefits

- The suite is comprised of:
  - Foxtrack™ - a portable ground surveillance radar or a Foliage Penetration Radar (FPR-10), as required by the surroundings
  - Long-range day-and-night cameras
  - Pan & tilt pedestal
  - Command & Control station
  - Elevated masts
- Connected to a control center, the SCOUT RSV displays intelligence it gathered on digital maps which can be transferred to other users and other command and control centers.
- The system can operate autonomously or can optionally be integrated with larger border management, coastal protection, and site protection systems.
- In especially difficult terrain conditions the sensors can be removed from the vehicle and installed on a tripod.
- SCOUT RSV delivers an exceptionally high cost effective/performance ratio.

Additional Features

- Compatible with any radar and electro-optic system
- Continuous digital video recording
- Manual screenshot saving
- Manual and automatic classification, using doppler audio
- Manual programming of classification
- Enhanced situational awareness
- Standard communication and video transmission

Foxtrack Tactical Radar

Foxtrack provides armed forces, special operations units and security personnel with integrated, real-time tactical surveillance, intelligence gathering and target detection, as well as classification and identification of humans and/or vehicles operating in the area of interest. The radar's unique software enables integration of single units within complex multi-sensor systems, thus maximizing applicability in the field. Foxtrack is operational and is in use by military, border patrol, and Homeland Security (HLS) agencies around the world.

Foliage Penetration Radar FPR-10

FPR-10 is a Ground Surveillance Radar (GSR) providing long-range, accurate, high-resolution detection of vehicles and personnel that are located in and behind foliage. The FPR-10 is designed to withstand harsh environmental conditions as well as foliage interference and disturbances.

Foxtrack Tactical Radar

Foliage Penetration Radar FPR-10

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